U.S. Patent Application No.: Unknown

February 13, 2006

Page 6 of 18

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **LISTING OF CLAIMS:**

Claims 1-11 (canceled).

Claim 12 (new): A surface acoustic wave device comprising:

a substrate;

a plurality of terminals disposed on the substrate and including at least an unbalanced terminal and two balanced terminals;

at least one surface acoustic wave element disposed on the substrate between the unbalanced terminal and the balanced terminals; and

a plurality of signal lines connected to the at least one surface acoustic wave element; wherein

at least two of the plurality of signal lines connected to the at least one surface acoustic wave element intersect one another with an insulating film disposed therebetween.

Claim 13 (new): The surface acoustic wave device as claimed in claim 12, wherein the insulating film is polyimide.

Claim 14 (new): The surface acoustic wave device as claimed in claim 12, wherein

the at least one surface acoustic wave element includes at least two surface acoustic wave elements;

one of the at least two surface acoustic wave elements defines a first element that is connected to the unbalanced terminal and to a ground pad;

another of the at least two surface acoustic wave elements defines a second element;

U.S. Patent Application No.: Unknown

February 13, 2006

Page 7 of 18

at least two of the plurality of signal lines define signal wirings arranged to connect the second element to the first element;

one of the plurality of signal lines defines a ground wiring arranged to connect the first element to the ground pad;

at least one of the signal wirings and the ground wiring intersect with the insulating film disposed therebetween; and

the ground pad is disposed outside of an area enclosed by the first element, the second element and the signal wirings.

Claim 15 (new): The surface acoustic wave device as claimed in claim 14, wherein

the first element includes three IDTs disposed in a propagation direction of a surface acoustic wave, and the unbalanced terminal and the ground pad are connected to a middle IDT of the three IDTs;

the second element includes three IDTs arranged in the propagation direction of the surface acoustic wave, and the two balanced terminals are connected to a middle IDT of the three IDTs; and

the IDTs on either side of the middle IDT of the first element and the IDTs on either side of the middle IDT of the second element are connected by the signal wirings.

Claim 16 (new): The surface acoustic wave device as claimed in claim 14, wherein

two sets of the first element, the signal wirings, and the second element are provided on the substrate;

the first element of each set includes three IDTs disposed in a propagation direction of a surface acoustic wave, and the unbalanced terminal and the ground pad are connected to a middle IDT of the three IDTs;

the second element of each set includes one IDT connected to one of the balanced terminals that is different from that in the other set;

U.S. Patent Application No.: Unknown

February 13, 2006

Page 8 of 18

in each set, the two signal wirings connect the IDTs on either side of the middle IDT of the first element and the IDT of the second element; and

the first elements of the two sets are opposite in phase with respect to each other.

Claim 17 (new): The surface acoustic wave device as claimed in claim 14, wherein the ground wiring includes a first layer which is not disposed in the vicinity of the insulating film and a second layer which is disposed in the vicinity of the insulating film.

Claim 18 (new): The surface acoustic wave device as claimed in claim 12, wherein

the at least one surface acoustic wave element includes at least two surface acoustic wave elements connected to each other;

one of the at least two surface acoustic wave elements defines a first surface acoustic wave element which is a longitudinally coupled resonator-type surface acoustic wave element having three IDTs disposed along a propagation direction of a surface acoustic wave, and the middle IDT of the three IDTs is connected to the two balanced signal terminals through the first and second signal lines of the plurality of signal lines;

the two balanced signal terminals are disposed on either side of a central axis of the substrate substantially in parallel to the direction in which the two surface acoustic wave elements are arranged; and

at least one of the first and second signal lines is disposed on the insulating film.

Claim 19 (new): The surface acoustic wave device as claimed in claim 18, wherein the two balanced signal terminals are disposed so as to be substantially symmetrical about the central axis of the substrate.

Claim 20 (new): The surface acoustic wave device as claimed in claim 18, wherein the second surface acoustic wave element is disposed in the propagation

U.S. Patent Application No.: Unknown

February 13, 2006

Page 9 of 18

direction of a surface acoustic wave and is a longitudinally coupled resonator-type

surface acoustic wave filter element having three IDTs cascade-connected to the first

surface acoustic wave element.

Claim 21 (new): The surface acoustic wave device as claimed in claim 18,

wherein the second surface acoustic wave element includes one surface acoustic wave

resonator element.

Claim 22 (new): The surface acoustic wave device as claimed in claim 18,

wherein the second surface acoustic wave element includes a plurality of surface

acoustic wave resonator elements connected together.

Claim 23 (new): The surface acoustic wave device as claimed in claim 12,

wherein

the at least one surface acoustic wave element is a longitudinally coupled

resonator-type surface acoustic wave filter element including three IDTs disposed along

a propagation direction of a surface acoustic wave, and a middle IDT of the three IDTs

is connected to the two balanced terminals through the first and second signal lines of

the plurality of signal lines;

the balanced signal terminals are disposed on both sides of a central axis of the

substrate substantially perpendicular to the propagation direction of a surface acoustic

wave; and

at least one of the first and second signal lines is disposed on the insulating film.

Claim 24 (new): The surface acoustic wave device as claimed in claim 12,

wherein the substrate is a LiTaO<sub>3</sub> single crystal piezoelectric substrate.

Claim 25 (new): The surface acoustic wave device as claimed in claim 12,

wherein the substrate is a LiTaO<sub>3</sub> 40 ± 5° Y-cut X-propagation substrate.

U.S. Patent Application No.: Unknown

February 13, 2006

Page 10 of 18

Claim 26 (new): The surface acoustic wave device as claimed in claim 17, wherein the first and second layers of the ground wiring are made of Al.

Claim 27 (new): The surface acoustic wave device as claimed in claim 26, wherein an adhesive layer is disposed between the first and second layers of the ground wiring.

Claim 28 (new): The surface acoustic wave device as claimed in claim 27, wherein the adhesive layer is made of one of Ti and NiCr.